
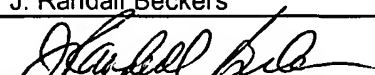


17410 U.S. PTO  
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|--|---|
| <p align="center"><b>UTILITY<br/>PATENT APPLICATION</b></p> <p align="center"><u>TRANSMITTAL</u></p> <p align="center"><i>(Only for original applications)</i></p>   | Attorney Docket No. 1252.1084   |
|  | First Named Inventor or Application Identifier:<br>John Schrag et al.   |
|  | Express Mail Label No.  |
| <p align="center"><b>APPLICATION ELEMENTS</b></p> <p align="center"><i>See MPEP chapter 600 concerning utility patent application contents.</i></p>  | ADDRESS TO:<br><b>Commissioner for Patents</b><br><b>Box Patent Application</b><br><b>PO Box 1450</b><br><b>Alexandria, VA 22313-1450</b> |
| <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> Fee Transmittal Form</li> <li>2. <input checked="" type="checkbox"/> Specification, Claims &amp; Abstract .....[Total Pages: <u>14</u>]</li> <li>3. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) .....[ Total Sheets: <u>18</u> ] [FIGS. <u>1-18</u> ]</li> <li>4. <input checked="" type="checkbox"/> Oath or Declaration .....[ Total Pages: <u>1</u> ]             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> Newly executed (original or copy)</li> <li>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d))                 <ol style="list-style-type: none"> <li>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b><br/>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</li> </ol> </li> </ol> </li> <li>5. <input type="checkbox"/> Verified Statement Claiming Small Entity Status</li> <li>6. <input type="checkbox"/> Application Data Sheet. See 37 C.F.R. 1.76</li> <li>7. <input type="checkbox"/> Applicant claims foreign priority benefit to:</li> <li>8. <input type="checkbox"/> CD-Rom or CD-R in duplicate, large table or Computer Program (Appendix)</li> <li>9. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> Computer Readable Form (CRF)</li> <li>b. <input type="checkbox"/> Specification Sequence Listing on:                 <ol style="list-style-type: none"> <li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</li> <li>ii. <input type="checkbox"/> paper</li> </ol> </li> <li>c. <input type="checkbox"/> Statement verifying identity of above copies</li> </ol> </li> <li>10. <input type="checkbox"/> For publication of assignee information under 37 CFR 1.215(b), list the assignee as of . The Assignment papers will be filed later.</li> </ol> |   |
| <p><b>ACCOMPANYING APPLICATION PARTS</b></p>   |   |
| <ol style="list-style-type: none"> <li>11. <input type="checkbox"/> Assignment (cover sheet &amp; document(s)) to of<br/> <input type="checkbox"/> for publication of assignee information under 37 CFR 1.215(b)</li> <li>12. <input type="checkbox"/> 37 CFR 3.73(b) Statement <i>(when there is an assignee)</i> <input type="checkbox"/> Power of Attorney</li> <li>13. <input type="checkbox"/> English Translation Document <i>(if applicable)</i></li> <li>14. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations</li> <li>15. <input type="checkbox"/> Preliminary Amendment</li> <li>16. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i></li> <li>17. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i></li> <li>18. <input type="checkbox"/> Request and Certification for Nonpublication under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent</li> <li>19. <input type="checkbox"/> Other:</li> </ol>  |   |
| <p><b>20. CORRESPONDENCE ADDRESS</b></p>   |   |
| <div align="center"> <br/> <b>21171</b><br/>         PATENT TRADEMARK OFFICE       </div>   |   |

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07/28/03

S&H Form (2/02)

|   |   |   |                     |                                  |                  |             |               |
|---|---|---|---------------------|----------------------------------|------------------|-------------|---------------|
| <b>NEW APPLICATION<br/>FEE TRANSMITTAL</b>  |   | Attorney Docket No.   |                     | 1252.1084                        |                  |             |               |
|   |   | Application Number  |                     | Unassigned                       |                  |             |               |
|   |   | Filing Date   |                     | July 28, 2003                    |                  |             |               |
| AMOUNT ENCLOSED   |   | \$ 0.00   |                     | First Named Inventor             |                  | John Schrag |               |
| <b>FEE CALCULATION (fees effective 10/01/01)</b>  |   |   |                     |                                  |                  |             |               |
| CLAIMS  | (1) FOR   | (2) NUMBER<br>FILED   | (3) NUMBER<br>EXTRA | (4) RATE                         | (5) CALCULATIONS |             |               |
|   | TOTAL CLAIMS  | 15 - 20 =   | 0                   | X \$ 18.00 =                     | \$ 0.00          |             |               |
|   | INDEPENDENT<br>CLAIMS   | 6 - 3 =   | 3                   | X \$ 84.00 =                     | 252.00           |             |               |
|   | MULTIPLE DEPENDENT CLAIMS (any number;<br>if applicable)                            |   |                     | + \$280.00 =                     |                  |             |               |
|   |   |   |                     | BASIC FILING<br>FEE              |                  | 750.00      |               |
|   |   |   |                     | Total of above<br>Calculations = |                  | \$ 1002.00  |               |
|   | Surcharge for late filing fee, Oath or Declaration (37 CFR 1.53(f))<br>(\$130.00)   |   |                     |                                  |                  |             |               |
|   | Reduction by 50% for filing by small entity (37 CFR 1.27).                          |   |                     |                                  |                  |             |               |
|   |   |   |                     | TOTAL FILING<br>FEE =            |                  | \$ 1002.00  |               |
|   | Surcharge for filing non-English language application (\$130.00;<br>37 CFR 1.52(d)) |   |                     |                                  |                  |             |               |
|   | Recordation of Assignment (\$40.00; 37 CFR 1.21(h))                                 |   |                     |                                  |                  |             |               |
|   |   |   |                     | TOTAL FEES<br>DUE =              |                  | \$ 1002.00  |               |
| <b>METHOD OF PAYMENT</b>  |   |   |                     |                                  |                  |             |               |
| <input type="checkbox"/> Check enclosed as payment.<br><input type="checkbox"/> Charge "TOTAL FEES DUE" to the Deposit Account No. below.<br><input checked="" type="checkbox"/> No payment is enclosed and no charges to the Deposit Account are authorized at this time<br>(unless specifically required to obtain a filing date).  |   |   |                     |                                  |                  |             |               |
| <b>GENERAL AUTHORIZATION</b>  |   |   |                     |                                  |                  |             |               |
| <input type="checkbox"/> If the above-noted "AMOUNT ENCLOSED" is not correct, the Commissioner is hereby<br>authorized to credit any overpayment or charge any additional fees necessary to:<br><div style="margin-left: 100px;"> Deposit Account No. <span style="border: 1px solid black; padding: 2px;">19-3935</span><br/> Deposit Account Name <span style="border: 1px solid black; padding: 2px;">STAAS &amp; HALSEY LLP</span> </div>   |   |   |                     |                                  |                  |             |               |
| <input type="checkbox"/> The Commissioner is also authorized to credit any overpayments or charge any additional fees<br>required under 37 CFR 1.16 (filing fees) or 37 CFR 1.17 (processing fees) during the<br>prosecution of this application, including any related application(s) claiming benefit hereof<br>pursuant to 35 USC 120 (e.g., continuations/divisionals/CIPs under 37 CFR 1.53(b) and/or<br>continuations/divisionals/CPAs under 37 CFR 1.53(d)) to maintain pendency hereof or of any<br>such related application. |   |   |                     |                                  |                  |             |               |
| <b>SUBMITTED BY: STAAS &amp; HALSEY LLP</b>   |   |   |                     |                                  |                  |             |               |
| Typed Name  |   | J. Randall Beckers  |                     |                                  | Reg. No.         |             | 30,358        |
| Signature   |   |  |                     |                                  | Date             |             | July 28, 2003 |